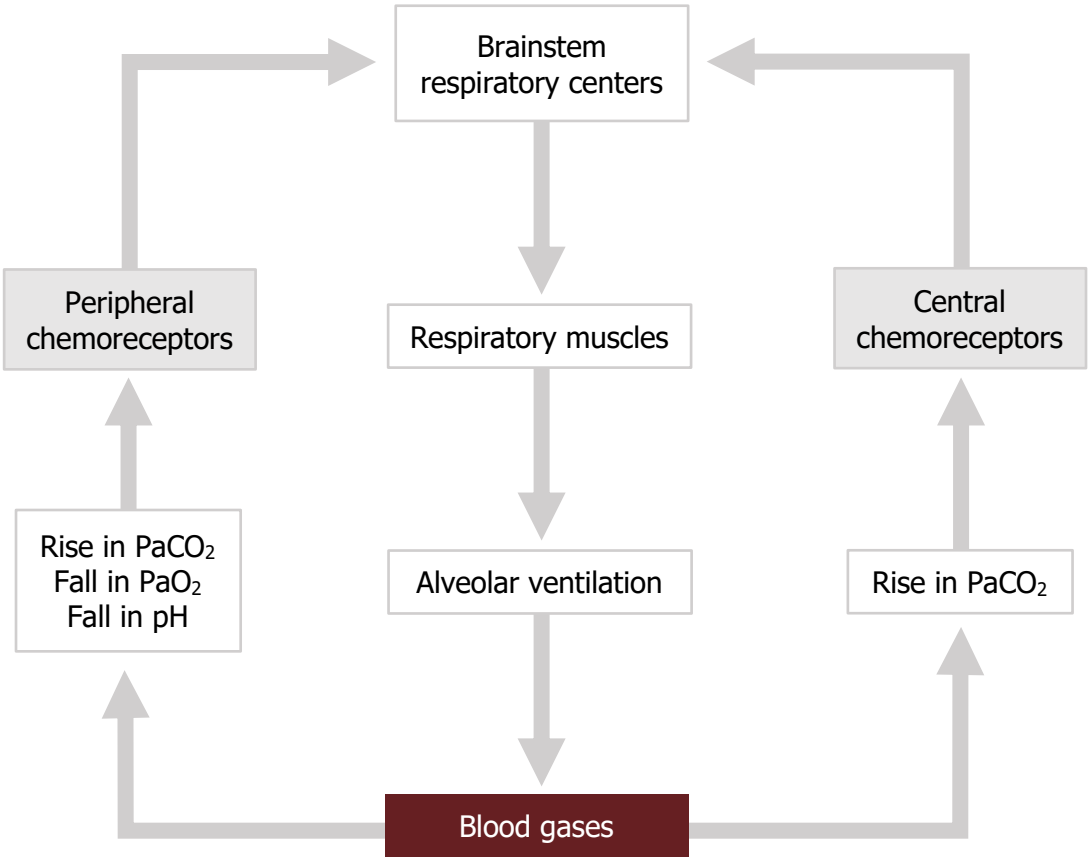
Brainstem respiratory centers
Peripheral chemoreceptors
Respiratory muscles
Central chemoreceptors
Rise in $PaCO_2$
Fall in PaO_2
Fall in pH
Alveolar ventilation
Rise in $PaCO_2$
Blood gases